

CLAIMS

We claim:

1. An apparatus including:

a cassette,

5 wherein the cassette is removably mountable in an automated banking machine dispenser module,

wherein the cassette is operative to hold media therein,

wherein the cassette includes a flexible door,

10 wherein the door is operative to automatically open during insertion of the cassette into the dispenser module,

wherein magnitude of door openness is proportional to cassette insertion distance.

2. The apparatus according to claim 1

wherein the door includes a push pin engaging portion,

wherein the engaging portion is operative to engage a dispenser module
push pin to cause opening of the door during insertion of the cassette into
the dispenser module.

3. The apparatus according to claim 2 wherein the engaging portion is operative to engage
the push pin throughout opening of the door.

4. The apparatus according to claim 3 wherein the engaging portion is operative to be
relatively pushed against the push pin to cause opening of the door during insertion of the
cassette into the dispenser module.

5. The apparatus according to claim 4 wherein the door comprises a tambour door having
integrally attached parallel strips, wherein the tambour door is operative to move in two
substantially perpendicular directions.

6. The apparatus according to claim 4

wherein the engaging portion includes a female portion,

wherein the female portion is operative to receive a male portion of the
push pin during insertion of the cassette into the dispenser module,

5 wherein the female portion is operative to mate with the male portion
throughout opening of the door.

7. The apparatus according to claim 6 wherein the female portion comprises an opening, and
wherein the male portion comprises a pin head.

8. The apparatus according to claim 7

10 wherein the door includes a channel,

wherein when the door is closed the channel is operative to receive and
guide the male portion toward the female portion.

9. The apparatus according to claim 8 wherein when the door is partly open the channel is inoperative to receive the male portion.

10. The apparatus according to claim 6

wherein the engaging portion includes a lip adjacent the female portion,

5 wherein the lip is operative to engage a body portion of the push pin throughout opening of the door.

11. The apparatus according to claim 2 wherein the cassette comprises a currency cassette, and wherein the currency cassette is operative to hold currency therein.

10 12. The apparatus according to claim 2 and further comprising an automated banking machine dispenser module including a push pin, wherein the cassette includes a cassette housing, wherein during opening of the door the cassette housing moves into the dispenser module while the door and pin remain stationary relative to the dispenser module.

15 13. The apparatus according to claim 12 wherein the door is fully open when the cassette is fully inserted into the dispenser module.

14. The apparatus according to claim 13 wherein the push pin includes a pin head and a pin body, wherein the door includes an opening and a flange,

wherein at least a portion of the pin head is operative to enter the opening during insertion of the cassette into the dispenser module,

- 5 wherein the flange is operative to engage the pin body to cause opening of the door during insertion of the cassette into the dispenser module.

15. A method of opening the door of the apparatus recited in claim 2, comprising:

(a) engaging the door with a push pin of a dispenser module;

(b) partly inserting the cassette into the dispenser module a first insertion distance to cause the door to partly open;

(c) subsequent to (b), further inserting the cassette into the dispenser module to cause the door to further open;

(d) subsequent to (c), fully inserting the cassette into the dispenser module, wherein the door is fully open when the cassette is fully inserted into the dispenser module.

16. An apparatus including:

a cassette,

wherein the cassette is removably mountable in an automated banking
machine dispenser module having a push pin with a pin head and pin
body,

wherein the cassette is operative to hold media therein,

wherein the cassette includes a tambour door,

wherein the door is operative to automatically open during
insertion of the cassette into the dispenser module,

wherein magnitude of door openness is proportional to
cassette insertion distance,

wherein the door includes integrally attached parallel strips,

wherein the door is operative to move in two substantially
perpendicular directions,

wherein the door includes a channel,

wherein when the door is closed the channel is operative to
receive and guide the pin head toward the opening,

wherein when the door is partly open the channel is
inoperative to receive the pin head.

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17. The apparatus according to claim 16 wherein the cassette comprises a currency cassette,
and wherein the currency cassette is operative to hold currency therein.

18. The apparatus according to claim 16 and further comprising an automated banking
machine dispenser module including a push pin, wherein the push pin includes a pin head
and a pin body,

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wherein when the door is closed the channel is operative to guide the pin head
toward the opening,

wherein the pin head is operative to mate with the opening,

wherein the lip is operative to engage the pin body while the pin head mates with
the opening,

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wherein engagement of the lip and pin body causes opening of the door during insertion of the cassette into the dispenser module.